INTELLINET
NETWORK SOLUTIONS
Bringing Networks To Life

Gigabit Ethernet ExpressCard

Model
502788

Increase the speed of your computer under even the most demanding application conditions.

The INTELLINET NETWORK SOLUTIONS™ Gigabit Ethernet ExpressCard is a high-performance PCMCIA-style network adapter that fits in the new ExpressCard/54 and ExpressCard/34 slots of a computer. It is an ExpressCard/34 device, and supports the Single PCI Express lane (x1) specification, operating at the baseline 2.5 Gbps data rate and providing faster throughput than the current 32- and 64-bit PCI bus architectures. And there is no need to switch to fiber optic cable — the Gigabit Ethernet ExpressCard allows you to run Gigabit speeds over your existing copper-wire network cable.

Faster Throughput
The Single PCI Express lane (x1) interface supports throughput rates of up to 2 Gbps when running in full duplex mode. This is ideal for resource-intensive CAD/CAM, client-server database, multimedia, pre-press, advertising graphics, server and mission-critical applications.

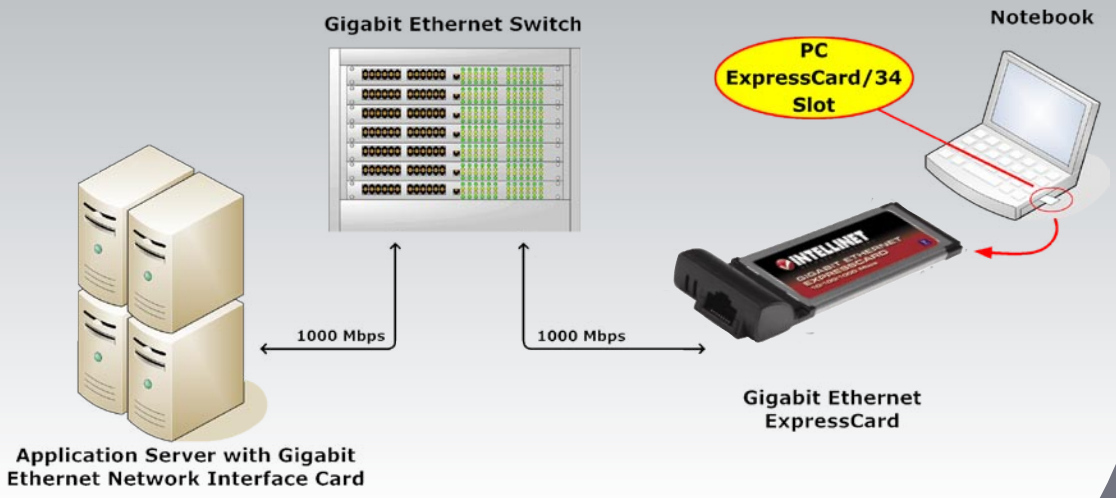
Auto-Negotiation
The Gigabit Ethernet ExpressCard will automatically detect the network speed that the LAN switch port is set to and run at the same speed. The card supports 10Base-T Ethernet, 100Base-TX Fast Ethernet and 1000Base-T Gigabit Ethernet.

Full Duplex
When running in full duplex mode, the Gigabit Ethernet ExpressCard provides the following throughput rates: 20 Mbps (10Base-T Ethernet), 200 Mbps (100Base-TX Fast Ethernet) and 2 Gbps (1000Base-T Gigabit Ethernet).

Built-In Diagnostics
The Gigabit Ethernet ExpressCard comes standard with crossover detection, auto correction and pair swap/polarity/skew correction capabilities that make installation and maintenance a snap.

Lifetime Warranty
Strict manufacturing standards ensure the highest quality in all INTELLINET NETWORK SOLUTIONS products. All items carry a full Lifetime Warranty — the strongest quality commitment anyone can make.

LIFETIME WARRANTY



LIFETIME WARRANTY

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Features

- Supports Gigabit speeds over existing network cable
- Does not require fiber optic cabling to run Gigabit speeds
- ExpressCard/34 device fits in ExpressCard/54 and ExpressCard/34 slots
- Single PCI Express lane (x1) 2.5 Gbps interface
- TruePHY oversampling architecture for lower power consumption and better performance
- Full duplex speeds (20 Mbps, 200 Mbps, 2000 Mbps)
- Full duplex flow control (IEEE 802.3x)
- Wake-On-LAN (WOL) support
- Supports jumbo frames
- Agere ET1310 chipset
- Compatible with Windows 2000, XP and 2003 Server
- Lifetime Warranty

Specifications

STANDARDS
- IEEE 802.3 (Twisted Pair Ethernet)
- IEEE 802.3u (Twisted Pair Fast Ethernet)
- IEEE 802.3ab (Twisted Pair Gigabit Ethernet)
- IEEE 802.3x (flow control, for full duplex mode)

GENERAL
- Media support:
  - 10Base-T Cat3, 4, 5 UTP/STP RJ-45
  - 100Base-TX Cat5 UTP/STP RJ-45
  - 1000Base-T Cat5e/6 UTP/STP RJ-45
- Form factor: ExpressCard/34

LEDs
- Link
- Activity

ENVIRONMENTAL
- Dimensions: 108 (L) x 34 (W) x 15 (H) mm (4 x 2.9 x 0.9 in.)
- Weight: 25 g (0.9 oz.)
- Operating temperature: 0° to 60°C (32° to 140°F)
- Operating humidity: 10% to 90% RH, non-condensing
- Storage temperature: -20° to 90°C (-4° to 194°F)

PACKAGE CONTENTS
- Gigabit Ethernet ExpressCard
- Driver CD
- User manual

For more information on INTELLINET NETWORK SOLUTIONS products, consult your local dealer or visit **www.intellinet-network.com**.

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